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06/10/98
16335 U.S. Pat.
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† ALSO ADMITTED IN THE DISTRICT OF COLUMBIA

June 4, 1998

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Re: New U.S. Utility Patent Application
Appl. No.: (to be assigned); Filed: June 4, 1998
For: **CARTRIDGE FILLING AND SEALING APPARATUS**
Inventors: Walter F. KLIMA, Jr. *et al.*
Our Ref.: 100-168P-WLK

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. New U.S. Utility Patent Application entitled:

CARTRIDGE FILLING AND SEALING APPARATUS

and naming as inventors:

Walter F. KLIMA, Jr.
3485 Highway 25
Travelers Rest, South Carolina 29690
United States of America,

and

William L. KLIMA
26 Settler's Way
Stafford, Virginia 22554
United States of America

$\mathcal{H}_1 = \{ \mathbf{h}_1, \mathbf{h}_2, \dots, \mathbf{h}_M \}$ and $\mathcal{H}_2 = \{ \mathbf{h}_{M+1}, \mathbf{h}_{M+2}, \dots, \mathbf{h}_{M+N} \}$ are the two sets of hypotheses. The test statistic is $T(\mathbf{y}) = \sum_{i=1}^M \mathbf{y}^T \mathbf{h}_i$. The decision rule is $\delta(\mathbf{y}) = 1$ if $T(\mathbf{y}) \geq \tau$ and $\delta(\mathbf{y}) = 0$ otherwise. The threshold τ is chosen such that the probability of false alarm is α . The probability of detection is β . The ROC curve is the plot of β versus α . The AUC is the area under the ROC curve.

a. A specification containing:

- b. Six (6) sheets of informal drawings comprising Figures 1-13;

3. Our Check No. 3154 in the amount of \$622.00 to cover: (\$395.00) Basic Filing Fee and (\$227.00) additional claims fee; and

It is respectfully requested that, of the two (2) attached post cards, one be stamped with the filing date of these documents and returned to our courier, and the other prepaid postcard be stamped with the filing date and unofficial application number and returned as soon as possible.

Respectfully submitted,

KLIMA & PEZZLO, P

Enclosures